

CIMGUARD[®] 40

Oil / solvent based
long term corrosion preventive



PRODUCT INFORMATION FLYER

Description

Cimguard 40 is a premium quality oil/solvent-based, in & outdoor corrosion preventative for ferrous and non-ferrous metals. It is designed to deposit a soft, oily, water-repellent film, which is removable by solvent (vapour degreasing) or aqueous alkaline cleaner.

Application

Depending on the conditions of application, Cimguard 40 will provide up to 18 months outdoor corrosion protection (assuming primary protection from the elements) when used as received. Cimguard 40 may be applied by immersion, airless spray, or brush methods. When practical, total immersion is preferred since it ensures complete coverage. Cimguard 40 is an ideal choice for:

- Outdoor storage of finished parts or raw stock.
- Steel mills or foundries.
- Coating parts to be shipped overseas.
- Any situation requiring long-term metal corrosion prevention.
- Coating internal or inter-connecting parts that are subjected to metal-to-metal wear.

Cimguard 40 can be diluted for greater economy with either mineral oil-based solvents such as white spirits or with light oils, but the period of protection will be reduced according to the degree of dilution. After application, the solvent should be allowed to fully evaporate before the parts are handled, packaged, or stored. The drying period will be further reduced at higher temperatures and with enhanced air circulation. Cimguard 40 is not a dewatering fluid, so when applying Cimguard 40 to wet surfaces be sure to remove entrapped water from holes, crevices, or other cavities.

Features and benefits

- Excellent long-term in & outdoor rust protection. (assuming primary protection from the elements)
- Bonds well to all metals
- Produces a hydrophobic (water-repellent) coating.
- Residual oily film remains elastic & will expand and contract without cracking.
- Excellent lubricating properties.
- Transparent coating allows visual inspection of parts and/or identification markings.

Technical data

	Test Methods	Typical Characteristics
Base		Oil/solvent
Colour	Visual	Milky light brown
Flashpoint	ASTM D93	66° C
Barium content		Free
Materials		Ferrous and non-ferrous
% VOC	EC Directive 1999/13/EC / Solvent Emissions Directive	42,2
Film thickness (approx.)	Micron	25
Film characteristics – residue type		Oily, transparent
% Non volatile	ASTM D2369 (modified)	58
Water displacing		No
Fingerprint neutralization		No
Coverage (approx.)	M2/Liter	15
Approx. Drying time @ 25C		>3 hours
Type of protection		In & outdoor storage, Overseas & Wrapped shipment
Ind. protection time		up to 18 months
Corrosion testing data		
Humidity cabinet (hours)	ASTM D1748	>1500
Salt spray testing (hours)	ASTM B117	30
Removal methods		Solvent (vapour degreasing), Alkaline aqueous cleaner
Application temperature		Ambient
Typical concentration		Neat

Above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Handling and storage

Store at room temperature.

Packaging type

5, 20, 200 and 1.000 liter.

Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environmental matters when handling this product.



Cimcool Industrial Products
Schiedamsedijk 20
3134 KK Vlaardingen
The Netherlands
Tel: +31 (0)10-4600660
cimcool.eu@duboischemicals.com
www.cimcool.com

